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INDEX TO AMERICAN BOTANICAL LITERATURE

1908-1919

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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- Anderson, P. J.** Index to American species of *Phyllosticta*. *Mycologia* **11**: 66-79. 17 Mr 1919.
- Andrews, F. M., & Beals, C. C.** The effect of soaking in water and of aëration on the growth of *Zea Mays*. *Bull. Torrey Club* **46**: 91-100. *f.* 1-5. 10 Mr 1919.
- Baker, R. O.** The seasonal development, gross structure, ecology and geographical distribution of *Sanguinaria canadensis*. *Nature Study Rev.* **15**: 62-73. *f.* 1-7. F 1919.
- Barker, E. E., & Cohen, R. H.** Variability in the radish. *Jour. Heredity* **9**: 357-361. *f.* 10. 6 F 1919.
- Berry, E. W.** The age of the Brandon lignite and flora. *Am. Jour. Sci.* **47**: 211-216. Mr 1919.
- Berry, E. W.** Pleistocene plants from Tennessee and Mississippi. *Torreyana* **19**: 8-10. 21 F 1919.
- Bessey, E. A.** An undescribed species of *Ophiodothella* on *Ficus*. *Mycologia* **11**: 55-57. *pl.* 5. 17 Mr 1919.
Ophiodothella Fici.
- Boergesen, F., & Raunkiaer, C.** Mosses and lichens collected in the former Danish West Indies. *Dansk. Bot. Arkiv.* **2**: 1-18. 1918.

- Boerker, R. H. D.** Our national forests. i-lxix + 1-238. f. 1-80. New York. 1918.
- Boerker, R. H.** Some fundamental considerations in the prosecution of silvicultural research. Jour. Forest. **16**: 792-887. D 1918.
- Britton, E. G.** West Indian mosses in Florida. Bryologist **22**: 2. 20 F 1919.
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- [**Clute, W. N.**] Note and comment. Am. Bot. **25**: 24-33. F 1919.
Include notes on Laurel philology, Resistant chestnut, The species conception, Algae migration, Dwarf shore floras, etc.
- Clute, W. N.** The opening of flowers. Gard. Chron. Am. **23**: 87, 88. Mr 1919.
- Cockerell, T. D. A.** Notes on *Lycaste*. Torreya **19**: 10-12. 21 F 1919.
Lycaste alba sp. nov. is described.
- Colley, R. H.** Parasitism, morphology, and cytology of *Cronartium ribicola*. Jour. Agr. Research **15**: 619-660. pl. 48-59 + f. 1. 23 D 1918.
- Cook, M. T.** Byron David Halsted. Bot. Gaz. **67**: 169, 170. 15 F 1919. [Portrait].
- Cook, M. T.** Common diseases of ornamental plants. New Jersey Agr. Exp. Sta. Circ. **97**: 1-23. f. 1-10. 1 Mr 1918.
- Cook, M. T.** Common diseases of shade and ornamental trees. New Jersey Agr. Exp. Sta. Circ. **98**: 1-27. f. 1-11. 1 Mr 1918.
- Davis, B. M.** The segregation of *Oenothera brevistylis*, from crosses with *Oenothera Lamarckiana*. Genetics **3**: 501-533. f. 1-7. N 1918.
- Drechsler, C.** Morphology of the genus *Actinomyces*—II. Bot. Gaz. **67**: 147-168. pl. 2-9. 15 F 1919.
- Drummond, B.** Propagation and culture of the date palm. U. S. Dept. Agr. Farm. Bull. 1016: 1-22. f. 1-10. Ja 1919.
- Elliot, J. A.** A smut on *Iresine*. Mycologia **11**: 87, 88. f. 1. 17 Mr 1919.
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- Ferguson, W. C.** Plants in flower in the autumn of 1918 on Long Island, N. Y. Torreya **19**: 12, 13. 21 F 1919.

- Fernald, M. L.** *Arenaria*—I. The unity of the genus *Arenaria*. *Rhodora* **21**: 1-7.—II. The type of the genus *Alsine*. 7-9.—III. The earlier names for *Alsinopsis*. 9-12.—IV. The American representatives of *Arenaria sajanensis* 12-17.—V. The specific identity of *Arenaria groenlandica* and *A. glabra*. 17-21.—VI. The American variations of *Arenaria verna*. 21-22. 10 F 1919.
A. marcescens sp. nov. is described.
- Ferris, R. S.** A new plant record for California. *Bull. So. Calif. Acad. Sci.* **18**: 13. Ja 1919.
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- Griggs, R. F.** Scientific results of the Katmai expeditions of the National Geographic Society.—IV. The character of the eruption as indicated by its effects on nearby vegetation. *Ohio Jour. Sci.* **19**: 173-209. Ja 1919. [Illust.]
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- Hayden, A.** The ecologic foliar anatomy of some plants of a prairie province in central Iowa. *Am. Jour. Bot.* **6**: 69-85. pl. 9-14. 1 Mr 1919.
- Howe, M. A.** On some fossil and recent Lithothamnidae of the Panama Canal Zone. *Smithsonian Inst. Nat. Mus. Bul.* **103**: 1-13. pl. 1-11. 19 F 1919.
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- Hunter, O. W.** Bacteriological studies on alfalfa silage. *Jour. Agr. Research* **15**: 571-592. f. 1-3. 16 D 1918.
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- Jenkins, E. W.** Cotton and some of its diseases and insects. *Univ. Florida Agr. Exp. Bull.* **15**: 1-19. f. 1-7. F 1919.
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Includes *Monardella saxicola* sp. nov.
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- Leach, J. G.** The parasitism of *Puccinia graminis tritici* Erikss. and Henn. and *Puccinia graminis tritici-compacti* Stak. and Piem. *Phytopathology* **9**: 59-88. *pl.* 4-6. 26 F 1919.
- Lee, H. A.** Further data on the susceptibility of rutaceous plants to citru-canker. *Jour. Agr. Research* **15**: 661-666. *pl.* 60-63. 23 D 1918.
- Levine, M.** Further notes on the sporadic appearance of non-edible mushrooms in cultivated mushroom beds. *Mycologia* **11**: 51-54. *pl.* 4. 17 Mr 1919.
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- Livingston, B. E.** Some responsibilities of botanical science. *Science* **49**: 199-207. 28 F 1919.
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- Lorenz, A.** *Nardus stricta* in the White Mountains. *Rhodora* **21**: 22, 23. 10 F 1919.
- MacCaughey, V.** The pala or mule's-foot fern (*Marattia Douglasii* (Presl.) Baker) in the Hawaiian Archipelago. *Torreya* **19**: 1-8. 21 F 1919.
- McRostie, G. P.** Inheritance of anthracnose resistance as indicated by a cross between a resistant and a susceptible bean. *Phytopathology* **9**: 141-148. 8 Mr 1919.
- Maxon, W. R.** A new *Selaginella* from Oklahoma and Texas. *Proc. Biol. Soc. Washington* **31**: 171, 172. 30 D 1918.
Selaginella Sheldoni Maxon.
- Maxon, W. R.** Notes on American ferns—XI. *Am. Fern Jour.* **7**: 104-106. 23 F 1918—XII. *Am. Fern. Jour.* **8**: 114-121. *pl.* 6. 20 Ja 1919;—XIII. *Am. Fern Jour.* **9**: 15. Mr 1919.
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Eighty-four new species in various genera are described.
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- Morrison, B. Y.** An autumn blooming *Iris*. Jour. Internat. Gard. Club **2**: 599-601. D 1918. [Illust.]
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- Moxley, G. L.** *Adiantum capillus-veneris* L. forma *cristatum* f. nov. Am. Fern Jour. **9**: 27, 28. Mr 1919.
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- Murrill, W. A.** George Francis Atkinson. Jour. N. Y. Bot. Gard. **19**: 314, 315. D 1918.
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Includes *Cyrtandra Conradtii*, *C. kohalae*, *C. halawensis* and *C. umbraculiflora*, spp. nov.
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